

Notice of Allowability

Application No.

10/696,188

Examiner

Khoa D. Huynh

Applicant(s)

DELAINE, PHILLIP M.

Art Unit

3751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the interview on 09/19/2005.
2. ☒ The allowed claim(s) is/are 76-79, 82-99, 103-105 and 108-125.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 08/04/05.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>09192005</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Drawings

1. The amended drawings were received on 08/04/2005. These drawings are acceptable. However, applicant is required to submit formal drawings including the proposed corrections indicated on the amended drawings.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Alton Hornsby, III on 09/19/2005.

The application has been amended as follows:

In claim 76,

line 7: after "lower" insert --surface--,

line 15: delete "the plurality of nozzles" and substitute --each of said plurality of nozzles having a water inlet end and an opposite water outlet end, each of said water inlet end--,

line 16: after "channel to" insert --said outlet end--,

line 17: after "spray bar" insert --, each of said plurality of nozzles having a diameter--,

line 23: after "and extending" delete "to the front" and substitute --inwardly from behind the front surface of the spray bar to said distance and joining with said water outlet ends--,

line 24: after "greater than" insert --said diameter of--.

In claim 79,

line 2: delete "an arcuate" and substitute --a generally circular--.

In claim 85,

line 21: delete "the plurality of nozzles" and substitute --each of said plurality of nozzles having a water inlet end and an opposite water outlet end, each of said water inlet end--,

line 22: after "channel to" insert --said outlet end--,

line 22: after "spray bar" insert --, each of said plurality of nozzles having a diameter--,

line 23: after "and extending" delete "to the front surface" and substitute --inwardly from behind the front surface of the spray bar to said distance and joining with said water outlet ends--,

line 25: after "greater than" insert --said diameter of--.

In claim 91,

line 18: delete "the plurality of nozzles" and substitute --each of said plurality of nozzles having a water inlet end and an opposite water outlet end, each of said water inlet end--,

line 19: after "channel to" insert --said outlet end--,

line 19: after "spray bar" insert --, each of said plurality of nozzles having a diameter--,

line 21: after "and extending" delete "to the front" and substitute --inwardly from behind the front surface of the spray bar to said distance and joining with said water outlet ends--,

line 22: after "greater than" insert --said diameter of--.

In claim 95,

line 2: delete "an arcuate" and substitute --a generally circular--.

In claim 97,

line 16: delete "the plurality of nozzles" and substitute --each of said plurality of nozzles having a water inlet end and an opposite water outlet end, each of said water inlet end--,

line 16: after "channel to" insert --said outlet end--,

line 17: after "spray bar" insert --, each of said plurality of nozzles having a diameter--,

line 23: after "and extending" delete "to the front" and substitute --inwardly from behind the front surface of the spray bar to said distance and joining with said water outlet ends--,

line 24: after "greater than" insert --said diameter of--.

In claim 103,

line 15: delete "the plurality of nozzles" and substitute --each of said plurality of nozzles having a water inlet end and an opposite water outlet end, each of said water inlet end--,

line 16: after "channel to" insert --said outlet end--,

line 17: after "spray bar" insert --, each of said plurality of nozzles having a diameter--,

line 23: after "and extending" delete "to the front" and substitute --inwardly from behind the front surface of the spray bar to said distance and joining with said water outlet ends--,

line 24: after "greater than" insert --said diameter of--.

In claim 124,

line 1: delete "an arcuate" and substitute --a generally circular--.

3. Claims 76-79, 82-99, 103-105 and 108-125 are allowed over the prior art of record.

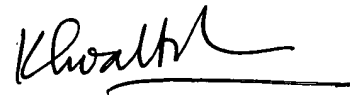
4. The following is an examiner's statement of reasons for allowance: none of the cited prior art teaches a push broom having, in conjunction with other limitations, the water channel positioned within the spray bar, each of the plurality of nozzles having the water inlet ends extending from the front surface of the water channel to the outlet ends a distance and the plurality of recesses extending inwardly from behind the front surface of the spray bar to said distance and joining with said water outlet ends of the plurality of nozzles as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khoa D. Huynh whose telephone number is (571) 272-4888. The examiner can normally be reached on M-F (7:00-3:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Justine Yu can be reached on (571) 272-4835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Khoa D. Huynh
Primary Examiner
Art Unit 3751